

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Previously presented) The method according to claim 18, wherein the LK68 encoding molecule comprises a nucleotide sequence represented by SEQ ID NO:1.

3-6. (Canceled)

7. (Currently amended) The method according to claim 18, wherein the ~~gene carrier nucleic acid construct~~ is selected from pSecTag-LK68, pLXSN-LK68, rAAV-LK68, pAAV-LK68, pSecTag-LK8, pLXSN-LK8, rAAV-LK8 and pAAV-LK8.

8. (Previously presented) The method according to claim 18, wherein the LK8 encoding molecule comprises a nucleotide sequence represented by SEQ ID NO:2.

9-12. (Canceled)

13. (Previously presented) The method according to claim 18, wherein the plasmid is present in an amount of 0.05 ~ 500 mg.

14. (Previously presented) The method according to claim 18, wherein the adeno-associated virus or adenovirus is present in an amount of 10^3 - 10^{12} IU.

15. (Canceled)

16. (Previously presented) The method according to claim 18, wherein the solid tumor is selected from colon carcinoma, liver cancer, lung cancer, breast cancer, brain tumor, prostatic carcinoma, skin cancer, stomach cancer, pancreas cancer, lymphoma, kidney cancer, ovarian cancer and metastatic tumor.

17. (Previously presented) The method according to claim 16, wherein the solid tumor is selected from colon carcinoma, liver cancer, lymphoma and metastatic tumor.

18. (Currently amended) A method for treating solid tumor in a subject, comprising directly injecting or intramuscularly injecting to the subject a nucleic acid construct selected from the group consisting of a plasmid, adeno-associated virus or and adenovirus, each harboring a nucleic acid molecule encoding human apolipoprotein(a) kringle KIV9-KIV10-KV (LK68) or KV (LK8).

19. (Currently amended) The method according to claim 18, wherein the prevention of the treatment of a solid tumor in the subject is accomplished by inhibition of growth and metastasis of the solid tumor.

20. (Previously presented) The method according to claim 18, wherein the administration of a plasmid, adeno-associated virus or adenovirus harboring human apolipoprotein(a) kringle KIV9-KIV10-KV (LK68) or KV (LK8) encoding molecule is accomplished by a method selected from chemical method, physical method, conjugation using liposome, a method using receptor and virus.

21-23. (Cancelled)

24. (Currently amended) The method according to claim [[5]] 18, wherein the viral gene carrier nucleic acid construct is adenovirus harboring a nucleic acid molecule encoding human apolipoprotein(a) kringle KIV9-KIV10-KV (LK68) or KV (LK8).

25. (Currently amended) The method according to claim [[5]] 18, wherein the viral gene carrier nucleic acid construct is adeno-associated virus harboring a nucleic acid molecule encoding human apolipoprotein(a) kringle KIV9-KIV10-KV (LK68) or KV (LK8).